

Work Order ID 111757

Tuesday, January 21, 2014 10:48:09 AM

111757

TULMAR

Page 1

Item ID: PB67-43001-83

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: D-Pad Assembly, Short

Start Date: 1/21/2014 Start Qty: 60.00

60

Cust Item ID:

Required Date: 2/7/2014 Req'd Qty: 60.00

60

Customer:

Reference:

Approvals: Process Plan: MF. Date: 14-1-21

Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____

SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
B67-43001-83	Rev C

100 0.00

100

Large Fab

Large Fab

Memo

0.00

Large Fab

1- assemble and weld as per dwg B67-43001 (QSI004)

(60) 14-01-30 PD

110

0.00

110

Small Fab

Small Fab

Memo

0.00

Small Fab

1- grind weld flush only on side of -193

(60) 14-01-30 PD

120

0.00

120

QC9- Inspect visual per QSI004- Fusion Welds

QC

Memo

0.00

Quality Control

QC 14-01-30

(60)

PTO

DQA: SWH Date: 14/04/08

QA Closed: SWH Date: 14-4-4

WORK ORDER NON-CONFORMANCE / UPDATE



Work Order update only ☐

Work Order: <u>111757</u> Part No: <u>PB67-43001-83</u> NCR No. <u>14-3705</u>	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☒ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table border="0"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	14/3/4	100	60	FGM: SBR/EPDM/CZ BLEND BLACK, ASTM D1056 ZAZ, 1/8" THICK ADHESIVE: LA4009NOVOC	DAS 12 9-89 14/3/4	Acceptable deviation. PART IS NOT AIRWORTHY.	DAS 12 9-89 14/3/4	DAS 27 9-89 14/3/27	DAS 27 9-89 14/3/27
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge	☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--	--

Work Order ID 111757

Tuesday, January 21, 2014 10:48:09 AM

111757

Page 2

Item ID: PB67-43001-83 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: D-Pad Assembly, Short
 Start Date: 1/21/2014 Start Qty: 60.00 ***60*** Cust Item ID:
 Required Date: 2/7/2014 Req'd Qty: 60.00 ***60*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 *130* QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.00		CPC 14.01.30		60			
140 *140* Powdercoat Powder Coating	Green Sandtex(Ref:4.3.5.8) per QSI005 4.3 M. 111277 Memo START TIME: 10:45. FINISH TIME: 11:15. OVEN TEMPERATURE: 320°	0.00 0.00				60	0	14-2-3.	DAS 34 9-89
150 *150* QC Quality Control	QC3- Inspect Part Finish Memo	0.00 0.00		DAS 27 9-89 14/2/13		60			can

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other _____ _____ _____
--	--	---	---

Work Order ID 111757

Tuesday, January 21, 2014 10:48:09 AM

111757

Page 3

Item ID: PB67-43001-83

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: D-Pad Assembly, Short

Start Date: 1/21/2014 Start Qty: 60.00

60

Cust Item ID:

Required Date: 2/7/2014 Req'd Qty: 60.00

60

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

160

0.00

160

Purchasing

Memo

0.00

Purchasing

SEND TO TALMAR FOR FOAM AND FABRIC

710.22870

62 14/02/03 (60)

170

Receive & Inspect for Damage & Mat'l Certs

0.00

170

Packaging

Memo

0.00

Packaging

DAS
27
9-89

60x 80 14-3-27

180

QC6- Inspect dimensions to drawing

0.00

180

QC

Memo

0.00

Quality Control

4/3/27

60
Clem

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other _____ _____ _____
--	--	---	---

Work Order ID 111757

Tuesday, January 21, 2014 10:48:09 AM

111757

Page 4

Item ID: PB67-43001-83

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: D-Pad Assembly, Short

Start Date: 1/21/2014 Start Qty: 60.00

60

Cust Item ID:

Required Date: 2/7/2014 Req'd Qty: 60.00

60

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp	DAS
190	Identify as per dwg & Stock Location: _____	0.00								
190										
Packaging	Memo	0.00								
Packaging										
200	QC21- Final Inspection - Work Order Release	0.00								
200										
QC	Memo	0.00								
Quality Control										

POSITIVE RECALLEFFECTIVE 14/1/14 AUTH UPRELEASED UP DATE 14/3/28

CHECK FOAM DENSITY

MCS 14-03-28NF
14-3-28

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Tuesday, January 21, 2014 10:48:09 AM

Page 1

Work Order ID: 111757

Parent Item: PB67-43001-83

Parent Item Name: D-Pad Assembly, Short

Start Date: 1/21/2014

Required Date: 2/7/2014

Start Qty: 60.00

Required Qty: 60.00

Comments: IPP rev A new issue 08.06.19 EC verified: DD
dwg EC verified by:DD

IPP rev B 10.09.30 per rev C

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
PB67-43001-185 D-Pad Back Plate		Manufactured	No			100	Each	3.0000	1	60		(60) 14-01-29 PD	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				Mezz		3				B111704 → 60			
				99989		3							
PB67-43001-189 D-Pad Face		Manufactured	No			100	Each	1.0000	1	60		(60) 14-01-29 PD	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				Mezz2		1				B111705 → 55			
				(103661)		1				1			
PB67-43001-193 D-Pad Base		Manufactured	No			100	Each	0.0000	1	60		(60) 14-01-30 PD	
PB67-43001-339 D-Pad Top		Manufactured	No			110	Each	14.0000	1	60		(60) 14-01-29 PD	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				Mezz2		14				B111707 → 60			
				90887		14							

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

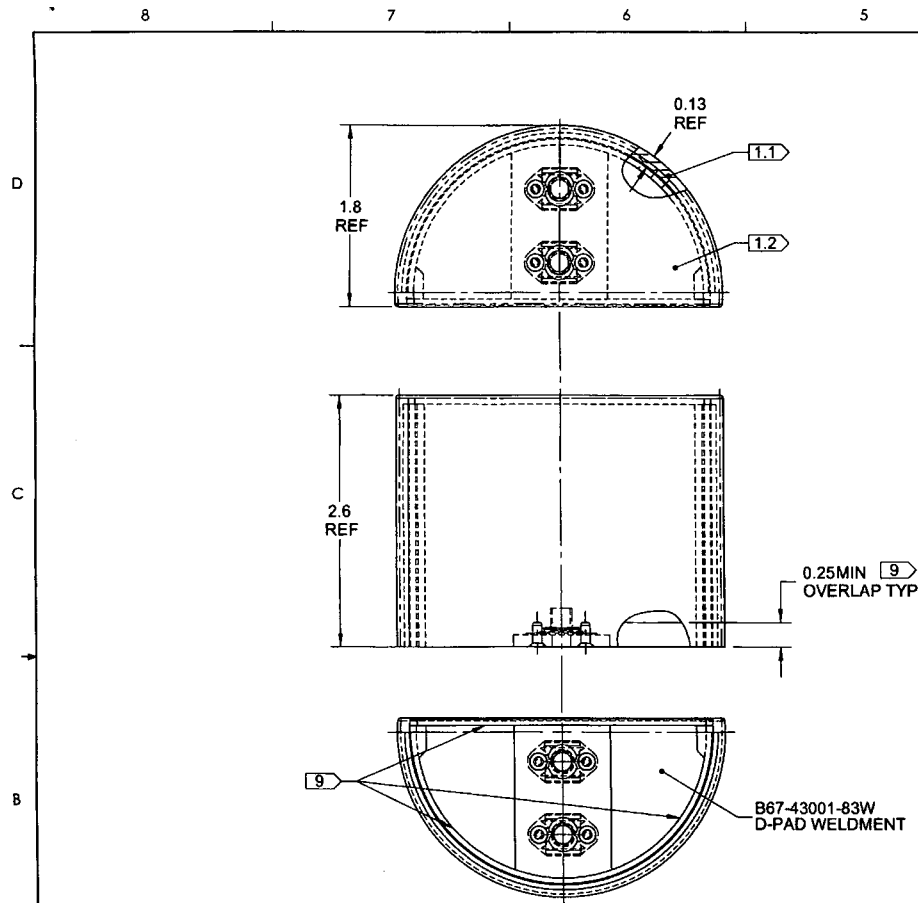
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

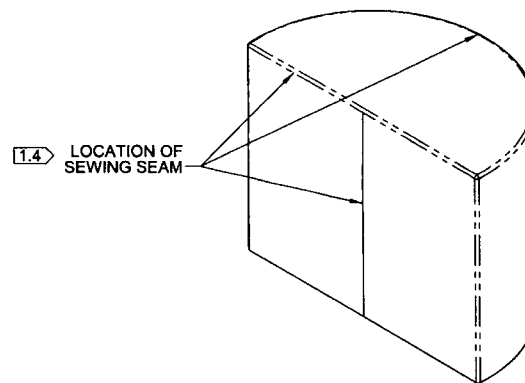
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other _____ _____ _____
--	--	---	---



ITEM	QTY	P/N	DESCRIPTION
1	X	B67-43001-83	D-PAD ASSEMBLY, SHORT
2	1	B67-43001-83W	D-PAD WELDMENT, SHORT
3	A/R	1637-002	SEE NOTE 1.1
4	A/R	1495	SEE NOTE 1.2
5	A/R	LA4009	SEE NOTE 1.3
7	A/R	2530	SEE NOTE 1.4



RELEASED
2010-09-15

NOTES:

1) MATERIAL:

- 1.1) FOAM: ETHYLENE PROPYLENE NEOPRENE SBR CLOSED-CELL, FLAME RETARDANT, 0.125 THICK, PER ASTM D1056 2A2, SERVICE TEMP -40°F TO +200°F, COLOUR: BLACK
REF. TULMAR P/N 1637-002
- 1.2) FABRIC: 100% 420 DENIER NYLON, MIN THREAD COUNT 35X35, POLYURETHANE COATED ONE SIDE, COLOUR: BLACK
REF. TULMAR P/N 1495
- 1.3) ADHESIVE: URETHANE WITH CATALYST, TWO PART, CLIFTON LA4009
- 1.4) THREAD: NYLON, BLACK, V-T-295 TYPE 2, CLASS A, SIZE F, 8-10 STITCHES PER INCH
REF. TULMAR P/N 2530

- 2) FINISH: BOND NEOPRENE TO COVER PLATE USING ADHESIVE. COVER WITH DENIER AS SHOWN.
- 3) TOLERANCES: PER TABLE 1 (ZN A3-1) UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.27 lbs REF
- 8) NUTPLATES AD HOLES MUST REMAIN FREE OF ADHESIVE AND FABRIC
- 9) DENIER NYLON TO OVERLAP BY 0.25 MIN AND BE BONDED ALL AROUND INNER SIDES OF PLATE

TABLE 1
TOLERANCES ON FABRIC
(PARTS AND ASSEMBLIES)

±1/8: DIMS <2
±1/4: DIMS 2 TO <10
±1/2: DIMS 10 TO <20
±5/8: DIMS 20 TO <40
±1.5%: DIMS EQUAL TO OR > 40

C	REDRAWN PREMIER AVIATION DRAWING IAW DART QSI 018, QSI 043 AND TULMAR SAFETY SYSTEMS INC.'S MANUFACTURING PROCESS AND TOLERANCES ON FABRIC. FOR PREVIOUS REVISIONS, REFER TO SHEET 12 OF PREMIER AVIATION DRAWING No. B67-43001. REASON: SEE PAR#09-011.	MB	10.04.27
REV.	DESCRIPTION	BY	DATE
DESIGN	R/W		
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.	N/A		
DATE	10.04.27		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. B67-43001-83 TITLE D-PAD ASSEMBLY, SHORT SCALE NTS COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR DISSEMINATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other _____ _____ _____
--	--	---	---

8

7

6

5

4

3

2

1

D

D

C

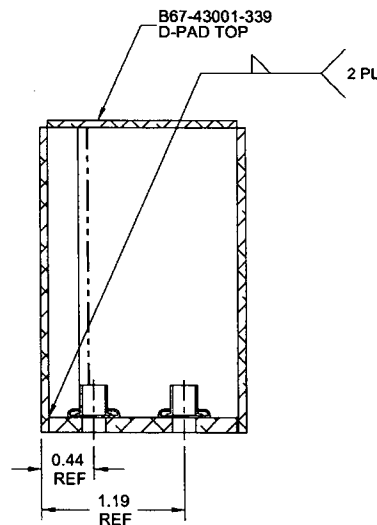
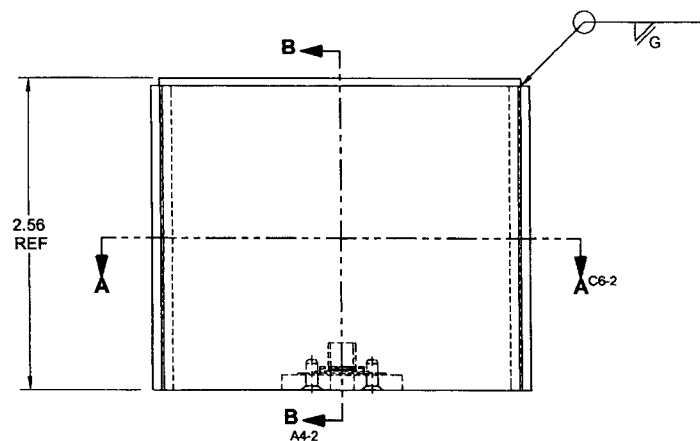
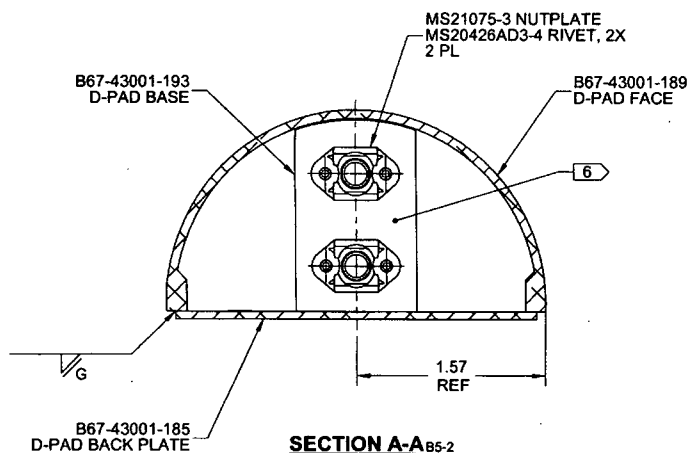
C

B

B

A

A



NOTES:

- 1) MATERIAL: NONE
- 2) FINISH: POWDER COAT GREEN SANDTEX (4.3.5.8) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "B67-43001-83W" AND B/N "BXXXXX" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.27 lbs
- 8) WELDING: PER DART QSI 004

ITEM	QTY -83W	P/N	DESCRIPTION
1	X	B67-43001-83W	D-PAD WELDMENT, SHORT
2	1	B67-43001-185	D-PAD BACK PLATE
3	1	B67-43001-189	D-PAD FACE
4	1	B67-43001-193	D-PAD BASE
5	1	B67-43001-339	D-PAD TOP
6	4	MS20426AD3-4	RIVET
7	2	MS21075L3	NUT PLATE

ME
14-121
#11157

RELEASED
2010-09-16

DESIGN	RW	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		B67-43001-83	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.	N/A	D-PAD ASSEMBLY, SHORT	NTS
DATE	10.04.27	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR DISSEMINATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

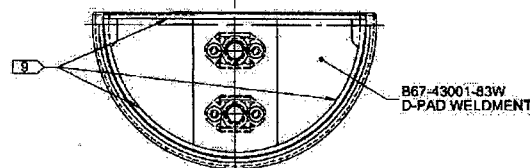
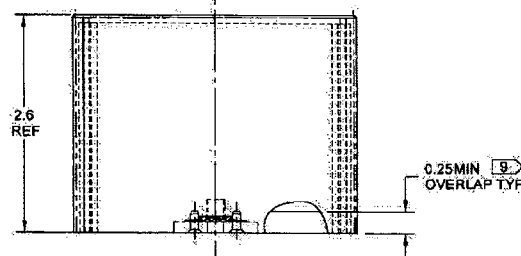
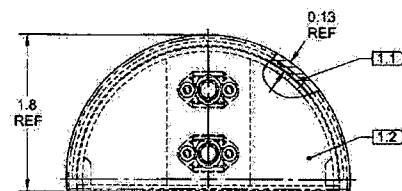
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other _____ _____ _____
--	--	---	---



1.4 LOCATION OF SEWING SEAM

TULMAR MARK-UP
REV I
02/10/2013 RL

ITEM	QTY	P/N	DESCRIPTION
1	X	B67-43001-83	D-PAD ASSEMBLY, SHORT
2	1	B67-43001-83W	D-PAD WELDMENT, SHORT
3	A/R	1637-002	SEE NOTE 1.1
4	A/R	1495	SEE NOTE 1.2
5	A/R	LA4009	SEE NOTE 1.3
7	A/R	2530	SEE NOTE 1.4

NOTES:

1) MATERIAL:

1.1) FOAM: ETHYLENE PROPYLENE NEOPRENE SBR CLOSED CELL, FLAME RETARDANT, 0.125 THICK, PER ASTM D1050 2A2, SERVICE TEMP -40°F TO +260°F, COLOUR: BLACK, REF: TULMAR P/N 1437-002.

1.2) FABRIC: 100% 420 DENIER NYLON, MIN THREAD COUNT 35X35, POLYURETHANE COATED ONE SIDE, COLOUR: BLACK, REF: TULMAR P/N 1495.

1.3) ADHESIVE: URETHANE WITH CATALYST, TWO PART, CLIFTON LA4009 OR LA4009NOVOC.

1.4) THREAD: NYLON, BLACK, V-T-295 TYPE 2, CLASS A, SIZE F, 8-10 STITCHES PER INCH, REF: TULMAR P/N 2530.

2) FINISH: BOND NEOPRENE TO COVER PLATE USING ADHESIVE. COVER WITH DENIER AS SHOWN.

3) TOLERANCES: PER TABLE 1 (ZN A3-1) UNLESS OTHERWISE NOTED.

4) UNITS: INCHES UNLESS OTHERWISE NOTED.

5) BREAK SHARP EDGES: N/A.

6) IDENTIFICATION: N/A.

7) WEIGHT: 0.27 lbs REF.

8) NUTPLATES AND HOLES MUST REMAIN FREE OF ADHESIVE AND FABRIC.

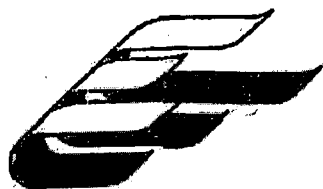
9) DENIER NYLON TO OVERLAP BY 0.25 MIN AND BE BONDED ALL AROUND INNER SIDES OF PLATE.

TABLE 1

TOLERANCES ON FABRIC (PARTS AND ASSEMBLIES)
±1/8" DIMS < 2
±1/4" DIMS 2 TO < 10
±1/2" DIMS 10 TO < 20
±5/8" DIMS 20 TO < 40
±1.5% DIMS EQUAL TO OR > 40

C	REDRAWN PREMIER AVIATION DRAWING IAW DART QSI 016, QSI 043 AND TULMAR SAFETY SYSTEMS INC.'S MANUFACTURING PROCESS AND TOLERANCES ON FABRIC. FOR PREVIOUS REVISIONS, REFER TO SHEET 12 OF PREMIER AVIATION DRAWING No. B67-43001. REASON: SEE PARAGRAPH 011.			MB	10.04.27
	REV.	DESCRIPTION		BY	DATE
DESIGN	REV	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWN					
CHECKED		DRAWING NO.	B67-43001-83	REV	
MFG. APPR.				SHEET 1 OF 2	
APPROVED		TITLE		SCALE	
DE APPR.	N/A	D-PAD ASSEMBLY, SHORT			
DATE	10.04.27	COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS UNCLASSIFIED AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR FOR DISSEMINATION OF INFORMATION WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.			

RELEASED
2010-09-15



J. ENNIS FABRICS

October 7, 2013

Fax To: Tulmar Safety Systems
Fax: 613-632-2030
Attention: Meagan

Certificate of Conformance

Re: PO 26380-00 for Oxford 7 Black

The goods shipped on P/O 26380-00 are as per sampled goods. Specification as follows:
As per mill documentation:

Oxford 7 Black is in compliance with the following standards:

Width: Product is 58 Inches Wide.

Roll Size: Average Roll Length is 75 Yards.

Weight: Product Weight is 6.79 Ounces per Sq.Yd. /Product Weight is 10.94 oz per Lin.Yd

Content: 100% Nylon

Coating: Product has a Polyurethane Coating (approximately 0.65 oz/ Sq.Yd. (18.5g/sq.yd.))

Denier: Yarn is 420 Denier.

Thread Count: Construction is 62 x 38 Threads per Square Inch

Protective Finish: Product is Water Repellent.

Hydro Resist: AATCC 127 (Suter): Average 800 mm

Piece # Various Manufacture Date: 05/17/13, Lot Number: 422038

Sincerely,
J. Ennis Fabrics Ltd.

C. Harris

Crystal Harris
Customer Service Specialist

c/o's used to mfg. B67-43001-83 Rev. C+1.

Louise Laliberté
March 17/14

1495/29.



Purchase order

TULMAR

PO number

15534-00

The P.O. Number must appear on all related correspondence, shipping papers and invoices.

PO date

25-Feb-2009

Order type

Normal

Release

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8
Canada
PST 6879 7176
Tel: 613-632-1282
Fax: 613-632-2030
lori@tulmar.com

Attn: Susan

MAR 19/09

Ordered From

E.F. Walter Inc.
5000 Hickmore St.
Montreal, QC H4T 1K6
Canada
Tony Fata
514-735-5351

Ship to

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8
CA

Buyer

Terms

Ack / Con

FOB

Ship via

PPD/COL

Lori Morris

Net 30 Days

Yes Yes

Origin

Call When Ready

Collect

Line	Qty Ordered	UOM	Our Item Number/Description	Your Item Number	Unit price	Extended Price	Requested
------	-------------	-----	-----------------------------	------------------	------------	----------------	-----------

1	15.00	SH	1637-002 Foam, SBR Closed-Cell, ASTM D1056 2A2, 1/8"x42"x72" Ethylene propylene neoprene Flame retardant, service temp -40°F to +200°F				
---	-------	----	---	--	--	--	--

I changed the price to match the
"Trimmed" sheet pricing.

Thank you.

Total Extended Price CAD = 356.40
Total Applicable Taxes = 17.82

Comments

C OF C must be INSIDE shipment

E.F. Walter Inc.	CERTIFICAT DE CONFORMITÉ CERTIFICATE OF COMPLIANCE		Approved JR Date 1/3/02
Revision # 0	Revision date: January 30, 2002	Doc # F.7.5.5.A	Page 1 of 1

Date : 04/14/2009

VENDU À
SOLD TO

6048

TULMAR SAFETY SYSTEMS INC.

1123 CAMERON STREET

HAWKESBURY ONT

K6A 2B8

FOURNISSEUR
VENDORE.F. WALTER INC.
180 BARTOR ROAD
TORONTO, ONTARIO
M9M 2W6

Commande / Order # 15534-00

Notre / Our Reference # 59448

Nous certifions par la présente que la totalité du matériel inscrit ci-dessous a été inspecté et vérifié et est conforme aux devis et aux normes mentionnés sur votre commande.

We hereby certify that all of the material listed below has been inspected and tested and conforms to the drawings and / or specifications stated on your purchase order.

Item	Quantité Quantity	Pièce # Part #	Description
742012007	15 sheets	1637-002	SC 42 BLACK -TRIMMED - NO SKIN 1/8" TH X 42" X 72"
			LOT# 84277 MFG DATE: 03/22/09

Signé
Signed

TSS #1637-602/02

EDDINGTON THREAD MFG. COMPANY

3222 KNIGHTS ROAD

P O BOX 446

BENSALEM, PA 19020

VOICE 215-639-8900

FAX 215-639-1420

tm25001-001

CERTIFICATE OF COMPLIANCE

Customer Name: TULMAR MANUFACTURING, INC

I hereby certify that on : 7/1/2010

the Eddington Thread Mfg. Company

provided the supplies called for in Accordance with all applicable requirements for shipment.

I further certify that the supplies are of the quality specified and are in all respect in conformance with the contract requirements, including specifications and/or drawings, preservations, packaging, packing and marking requirements.

This certifies that the products were manufactured in the United States and Fully comply with the provisions of the Berry Amendment (10 U.S.C 2533a) as implemented by DFARS 225.7000 - 225.7002-I. Additionally, they also apply where applicable with the Buy American Act - Supplies, 52.225-I as prescribed in 25.II0I(a)(I); 41 U.S.C. 10a - 10d.

PHYSICAL ITEM DESCRIPTION: F NYLON BONDED BLACK 1111 T/II C/A AA-59826
1LB KS TM25001-001 TR350

GROSS WEIGHT: 11.9 LBS

NET WEIGHT: 10.2 LBS

UNITS/GROSS: 10

PURCHASE NO.: 288-00

LOT#: 51484/2536

CONTRACT:

RELEASE#:

Re: Berry Amendment / Buy American Act - Supplies

DATE OF MANUFACTURE: 06/10

Shelf Life: Indefinite

Date of Execution: 7/1/2010

Signature: _____

S. JAMES LOVENSTEIN

Title: General Manager

TSS 2530/52

EDDINGTON-THREAD MFG CO
3222 KNIGHTS ROAD
BENSALEM, PA 19020

PRODUCT THREAD NYLON
SIZE F
TYPE T/I
CLASS C/A
SHADE BLACK 1111

CUSTOMER: TULMAR MANUFACTURING, INC P.O. 288-00

1LB KS TR-350
TM25001-001

THIS PRODUCT WAS MADE IN THE USA.

SPECIFICATION: VT-295E 1 AUGUST 1985

TEST COMPLETED 06/10

INVOICE_NO
DATED

7/1/2010

IDENTIFICATION AND QUANTITY
TESTS, UNIT OF MEASURE

LOT 51484/2536

RESULTS

10 KINGSPOLS WEIGHING 10.2 POUNDS
REQUIREMENTS

NYLON YARN:

IDENTIFICATION

PASS

PASS

PASS

PASS

T/6,6 NYLON

MELTING POINT

PASS

PASS

PASS

GREATER THAN 245 DEGREES CENTIGRADE

BRIGHT

PASS

PASS

PASS

PASS

CONTINUOUS FILAMENT

PASS

PASS

PASS

PASS

BONDING AGENT COMPOSITION

PASS

PASS

PASS

PASS

SHADE MATCH

PASS

PASS

PASS

PASS

COLOR FASTNESS TO

PASS

PASS

PASS

PASS NO APPRECIABLE CHANGE IN COLOR

LAUNDERING (3 CYCLES)

PASS

PASS

PASS

LIGHT

PASS

PASS

PASS

WET DRYCLEANING

PASS

PASS

PASS

PERSPIRATION

PASS

PASS

PASS

WEATHERING

PASS

PASS

PASS

CONSTRUCTION

PASS

PASS

PASS

PASS

210/1/4

DIRECTION OF TWIST

S 'OR' Z - AVERAGE OF 3 SPECIMENS

INITIAL

S

S

S

FINAL

Z

Z

Z

TWIST (TURNS PER INCH)

13.2S

13.1S

13.2S

INITIAL TWIST MUST NOT BE LESS THAN

INITIAL FINAL

9.1Z

9.1Z

9.3Z

FINAL TWIST

THE FINAL TWIST MINIMUM IS 5.5

NUMBER OF PLIES

PASS

PASS

PASS

PLIES PASS 4

LENGTH PER POUND IN YARDS

4326.00

4351.00

4326.00

MINIMUM YARDS 3601

4368.00

4359.00

4375.00

MAXIMUM YARDS 5200

4355.00

4351.00

4326.00

4322.00

4316.00

4331.00

4321.00

4326.00

4323.00

AVERAGE

4338.40

4340.60

4336.20

BREAKING STRENGTH (POUNDS)

13.77

13.66

13.69

MINIMUM POUNDS 11.8

13.72

13.73

13.63

13.64

13.67

13.60

13.70

13.62

13.71

13.76

13.79

13.65

AVERAGE

13.72

13.69

13.66

ELONGATION (PERCENT)

22.25

22.36

22.45

MAXIMUM PERCENTAGE 26.00%

22.15

22.38

22.95

22.29

22.64

22.55

22.71

22.46

22.82

22.70

22.54

22.41

AVERAGE

22.42

22.48

22.64

FINISH LIMITATIONS

PASS

PASS

PASS

PASS

WAX FINISH (TYPE IV AND V)

N/A

N/A

N/A

N/A

NON WICKING (CLASS B)

N/A

N/A

N/A

N/A

INSIDE

N/A

N/A

N/A

OUTSIDE

N/A

N/A

N/A

COMPOSITION OF PLASTIC TUB

CC

CC

CC

PASS

I CERTIFY THAT THE TESTS WERE RANDOMLY SELECTED AND REPRESENT THE LOT OF END ITEMS IDENTIFIED ABOVE. I FURTHER CERTIFY THAT THE END ITEMS TENDERED TO TULMAR MANUFACTURING, INC ARE ALL OR PART OF THE LOT OF END ITEMS TESTED HEREIN.

S. JAMES LOVENSTEIN GENERAL MANAGER

I CERTIFY THAT THE ABOVE TESTS WERE PERFORMED UNDER MY SUPERVISION IN ACCORDANCE WITH THE SPECIFICATION TEST REQUIREMENTS AND THAT THE REPORTED TEST RESULTS ARE TRUE VALID AND APPLICABLE TO THE SAMPLES TESTED.

I CERTIFY THAT THE TEST RESULTS REPORTED AS "CC" (CERTIFICATE OF COMPLIANCE) DO COMPLY WITH THE APPLICABLE SPECIFICATIONS AND/OR CONTRACT REQUIREMENTS

DATE OF MANUFACTURE 06/10

LOT 51484/2536

SAMEER PATEL QUALITY ASSURANCE MANAGER

Patel

2530/52



Date: 11/18/13

LA4009

Shipper #: 755

Certificate of Compliance

This letter certifies that 110 x 1 gallon cans of LA4009 Polyurethane Adhesive,

**Drawing No: (Ref 10557979)

lot number: PNJ-1113-041 was shipped to you on 11/18/13. **DWG REV: "A" Royal Adhesive & Sealants,

LLC - Aerospace & Marine Inflatable Adhesives & Coatings Division manufactured this material according to internal specifications which include quality control and assurance procedures. The material was manufactured on 10/22/13 against your Purchase Order # 26618.

Shelf Life: 1 year from date of manufacture
Expiration Date: 10/22/14

This letter certifies that 19 x quart cans of CATUV Accelerator, Lot number PNJ-1113-040 was shipped to you

on 11/18/13. Royal Adhesive & Sealants, LLC - Aerospace & Marine Inflatable Adhesives & Coatings

Division manufactured this material according to internal specifications which include quality control and assurance procedures. The material was manufactured on 11/14/13 against your Purchase Order # 26618.

Shelf Life: 1 year from date of manufacture
Expiration Date: 11/14/14

Sincerely,

Dan Constantino

Daniel Constantino

Royal Adhesives & Sealants, LLC - Aerospace & Marine Inflatable Adhesives & Coatings Division
48 Burgess Place Wayne, New Jersey 07470 Phone: 973-694-0845 Fax: 973-694-5678

TSS 7122/59

TSS 7122-501/10 (8)

PACKING SLIP

TULMAR

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8 CA
Tel: 613-632-1282
Fax: 613-632-2030
MID : XOTULSAF1123HAW
email: info@tulmar.com

Packing Slip No.

51450

Ship Date

26-Mar-14

Bill To:

Dart Aerospace

1270 Aberdeen Street

Hawkesbury, ON K6A 1K7. Canada

Ship to:

Dart Aerospace

1270 Aberdeen Street

Tel: 613-632-9577

Att: Chantal Lavoie

Hawkesbury, ON K6A 1K7. Canada

Order number	Sales order date	Account number	Account manager
31538	4-Feb-14	CDART100	Helena Vandeweerd
PO number	Ship Via	Shipping Terms	
PO22870	Pick-Up	FOB HAWKESBURY	
Item No.	Quantity ordered	UOM	Qty Shipped/Returned
Description			Quantity on back order

QA-A027 waived

Note = Foam & Fabric as per Dwg

8421-102

20 ✓

EA

20

D-Pad Assembly, Long/

Drawing No: B67-43001-85+MU

DWG Rev: C+2

A004 A005 A007 A016 A026 A040 A041

Lot No: BATCH0000000009 Qty: 20

8421-101

60 ✓

EA

60

D-Pad Assembly, Short/

Drawing No: B67-43001-83+MU

DWG Rev: C+1

A004 A005 A007 A016 A026 A040 A041

Lot No: BATCH0000000011 Qty: 60

SP14-3-27

Shipper

[Signature]

Date:

MAR 26 2014

Certificate of Conformance

☒ See Certification Enclosed

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.

If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

Authorized Inspector

[Signature: Lorraine LaLiberte]

Date:

MAR 26 2014

CE

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO22870

Purchase Order Date 2/3/2014

PO Print Date 3/7/2014

Page Number 2 of 2

From :
FULMAR SAFETY SYSTEMS
1123 CAMERON ST
HAWKESBURY, ON K6A 2B8
CA

VC-TUL001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 613 632 1282

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

Line Total: \$1,000.0

3 111757

PB67-43001-83 D-PAD
ASSEMBLY, SHORT

2/26/2014

60.00

Yes

3/28/2014

FOAM AND FABRIC AS PER DWG REV.C+1

NOTE: ACCEPTABLE DEVIATION PART ARE NOT AIRWORTHY

FOAM, SBR/EPDM/CR BLEND BLACK, ASTM D1056 2A2, 1/2" THK BRITTLNESS TEMP. OF-40F, IAW ASTM D 746, FMVSS 302
ADHESIVE: LA4009NOVOC

Line Total: \$3,000.0

4 111816

PB67-43001-181 COVER
PLATE

2/26/2014

20.00

\$130.00

\$2,600.0

Yes

3/28/2014

FOAM AND FABRIC AS PER DWG REV.C+1

NOTE: ACCEPTABLE DEVIATION PART ARE NOT AIRWORTHY

FOAM, SBR/EPDM/CR BLEND BLACK, ASTM D1056 2A2, 1/2" THK BRITTLNESS TEMP. OF-40F, IAW ASTM D 746, FMVSS 302
ADHESIVE: LA4009NOVOC

Line Total: \$2,600.0

PO Total: \$9,200.0

PO Instructions: Procurement Quality Clauses
A004 faa-pma/tso
A005 right of entry
A007 first article inspection (fai)
A016 personnel qualification
A026 certification of material conformance
~~A027 flammability test~~
A040 notification of quality escape
A041 quality management system

CE
mt